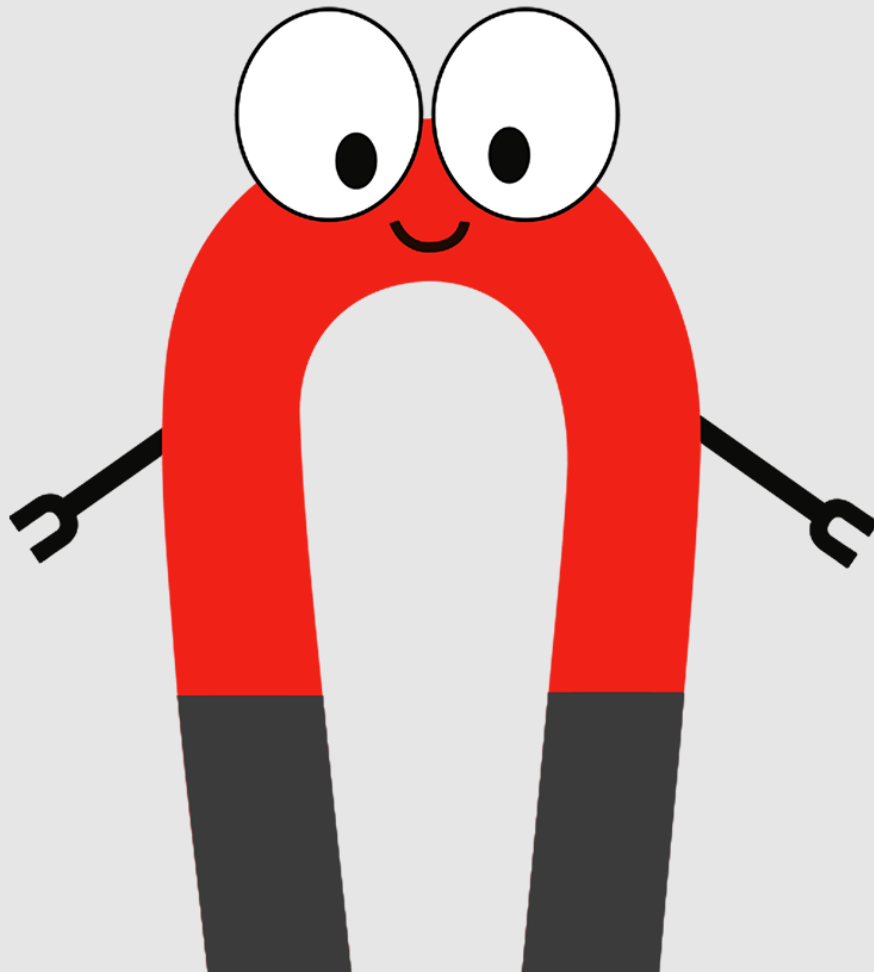


MAGHOLD

FACTORY DIRECT MAGNETS *FOR LESS!*



WWW.MAGHOLD.COM

Content

ABOUT US.....1

MAGHOLD PRODUCT2

DIRECT PRINTABLE FLEXIBLE MAGNET.....3

PLAIN & ADHESIVE BACKED FLEXIBLE MAGNET5

 1. Magnet for Laminating.....5

 2. Build Up the Magnet Base for the Receptive Display System.....6

RECEPTIVE7

CLINGMAG9

MAGNET STRIP & TAPE11

FINISHED MAGNET PRODUCT.....12

NEODYMIUM MAGNET13

ABOUT US

MAGHOLD LLC is an international supplier of magnetic products such as flexible magnets, receptive, neodymium magnets and finished magnet products. With 14 years of experience from our parent company DONGGUAN MAGHARD FLEXIBLE MAGNET CO., LTD, MAGHOLD brings the highest quality materials, innovative display solutions and wonderful customer service to the North American market.

High Quality!

MAGHOLD supplies only products with excellent quality and we back that with full guarantee. Our products are made of recyclable materials that are eco-friendly and meet EN71, RoHS and ASTM requirements. The continuous efforts of our product development team enable us to offer you stronger & wider magnets, better print quality materials and the most amazing user experience!



Great Service!

Customer satisfaction is very important to us. We always try our best to meet customer needs quickly and efficiently. Our local office, warehouses and distributors can assure you adequate supply and fast delivery. Our strong technical capabilities also enables us to make custom products for your specific applications.



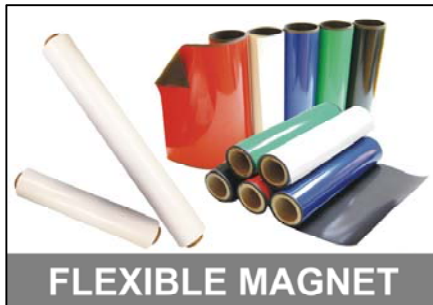
Competitive Price!

With a reliable supply of raw materials, professional staff and standardized large scale production, MAGHOLD offers products at a lower average cost without sacrificing quality. We believe that will bring both our customers and us more opportunities.



MAGHOLD PRODUCT

MAGHOLD has six major product lines: Flexible Magnet, Receptive, Magnet Strip, ClingMag, Finished Product and Neodymium Magnet. Standard-size products are available right away from our US warehouse. Special sizes and custom products are also available upon request with a lead time.



FLEXIBLE MAGNET

- Anti-rust Rubber Magnet that adheres to iron surfaces.
- 24", 40", 48", 50" wide rolls.
- Plain, adhesive and direct printable vinyl laminates available.



RECEPTIVE

- Stainless iron vinyl that adheres to magnets (e.g. Flexible Magnet).
- 50", 54", 60" wide rolls.
- Chalkboard, dry-erase, and direct printable PET/Canvas/Art Paper laminates available.



MAGNET STRIP

- 0.5", 1", 2" thick and 30mil, 60mil thick.
- Plain, adhesive laminates and custom profiles available.
- For POP-displays, warehouse labeling, fridge door seal and more.



CLINGMAG

- Silicone based cling that sticks to smooth surfaces.
- Direct printable, repositionable, washable and no residue.
- 50", 54" wide rolls.
- Available in white, frosted & clear.



FINISHED PRODUCT

- Magnet bookmark, tin plate magnet, die cut magnet, epoxy magnet, magnet puzzles and more.

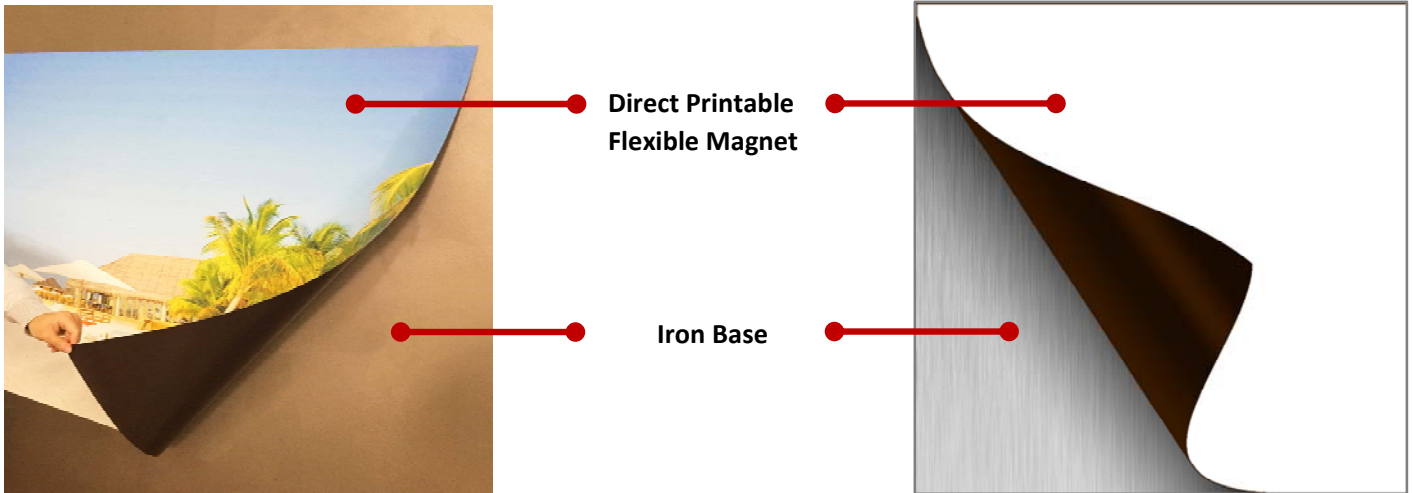


NEODYMIUM MAGNET

- The strongest type of permanent magnet commercially available.
- Available in different grades, coating, and a variety of shapes & sizes.

DIRECT PRINTABLE FLEXIBLE MAGNET

MAGHOLD Direct Printable Flexible Magnet is designed for the graphic and sign industry. It is compatible with most of the major printing methods. Because our flexible magnet is anti-rust and water-resistant, and with permanent magnetic property, it can be used both indoor and outdoor. The flexibility of this material also allows you to cut, slit and fold it conveniently. As long as you have an iron base (cars, steel panels, iron painted wall, etc.), you can build up large format graphics and POP displays fast. Installing and changing is very quick and easy which saves you a lot of time and effort, even money!



The back side of the flexible magnet is UV coated, which protects the material and the iron base from sticking and staining.

1. Specification:

Our direct printable flexible magnets are produced with different magnetic properties, laminates and sizes. If you cannot find the right fit on the following charts, tell us about the required specifications. Our R&D team will find the best solution and provide you with the customized product to meet your specific requirements.

• Flexible Magnet for Commercial/ Large Format Printing:

Surface	Energy	Magnet Layer Thickness	Pull Strength (lbs./ft ²)	Width	Length	Printing Method	
						Compatible	Testing Required
0.004" Matte/Gloss White PVC	Standard Energy	0.015"	≥40	24.375" 40" 48" 50"	25' 50' 100'		
		0.020"	≥59				
		0.030"	≥84				
	High Energy	0.015"	≥60				
		0.020"	≥84				
		0.030"	≥135				

Solvent
 Eco-solvent
 UV curable
 Latex
 Offset
 Flexo
 Screen

DIRECT PRINTABLE FLEXIBLE MAGNET

- Flexible Magnet for Inkjet Printing:



Surface	Overall Thickness	Size	Gloss 60°	Printing Method	
				Compatible	Testing Required
Matte paper	0.010"	11"x8.5" 17"x11"	[2, 4]	OF FL SC P	UV L T/I
Glossy Photo Paper	0.012"	11"x8.5" 17"x11"	[52, 58]		

UV UV curable
 P Pigment
 L Latex
 OF Offset
 FL Flexo
 SC Screen

2. Application:



Car Magnet



POP Display



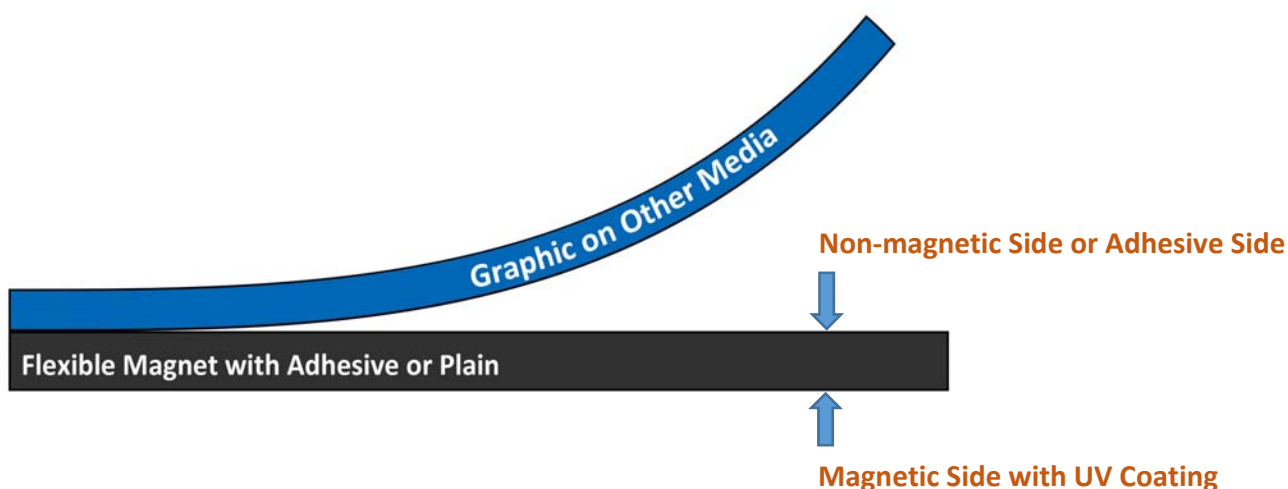
Dry-Erase Week Plan

PLAIN & ADHESIVE BACKED FLEXIBLE MAGNET

MAGHOLD Plain & Adhesive Backed Flexible Magnet usually has two major applications. One is for laminating, and the other one is to build up the magnet base for the **Receptive** graphic display system.

1. Magnet for Laminating:

If our direct printable flexible magnet is not compatible with your printer, just laminate your own printed media on MAGHOLD Plain & Adhesive Backed Flexible Magnet. You can also get a perfect magnetic graphic! The magnetic side of the flexible magnet is UV coated, which protects the material and the iron base from sticking and staining.



• Specification:

Lamination	Magnetic Layer Thickness	Magnetic Pull Strength (lbs./ft ²)		Width	Length
		Standard Energy	High Energy		
Flexible Magnet with Regular Adhesive	0.015"	≥40	≥60	24.375" 40" 48" 50"	25' 50'
	0.020"	≥59	≥84		
	0.030"	≥84	≥135		
Flexible Magnet Plain (One side magnetized)	0.015"	≥40	≥60		
	0.020"	≥59	≥84		
	0.030"	≥84	≥135		

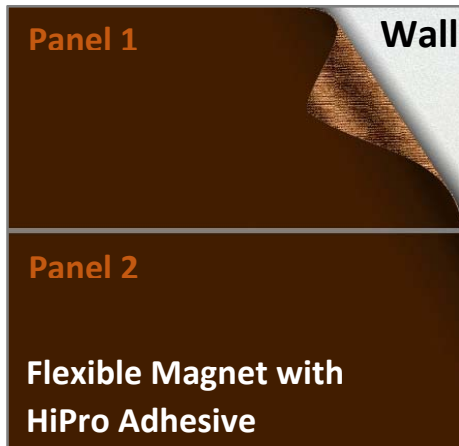
If you cannot find the right fit on the following charts, tell us about the required specifications. Our R&D team will find the best solution and provide you with the customized product to meet your specific requirements.

PLAIN & ADHESIVE BACKED FLEXIBLE MAGNET

2. Build Up the Magnet Base for the Receptive Display System:

There are two ways to set up a magnet base. Installing steps depends on the type of the target surface.

For Non-iron Surface



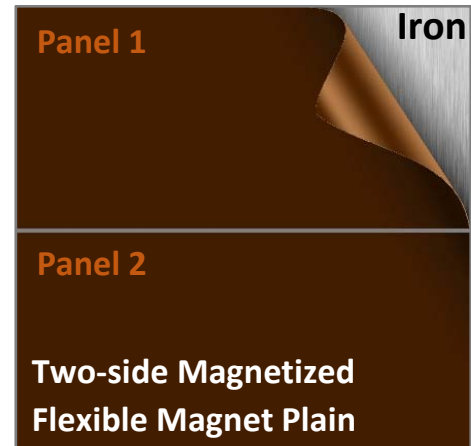
Step 1: Clean up the target surface.

Step 2: Peel the release paper off the back side of the Flexible Magnet with HiPro Adhesive.

Step 3: Stick the adhesive side of the flexible magnet to the target surface.

Step 4: If you need to create a large format magnet base. You can put several flexible magnet panels next to each other. In case of thermal expansion of the material, please leave 1/16 inch space between each magnet panels.

For Iron Surface



Step 1: Clean up the target iron surface.

Step 2: Attach the two-side magnetized flexible magnet to the iron surface. It will hang on the iron surface automatically.

Step 3: If you need to create a large format magnet base. You can put several flexible magnet panels next to each other. In case of thermal expansion of the material, please leave 1/16 inch space between each magnet panels.

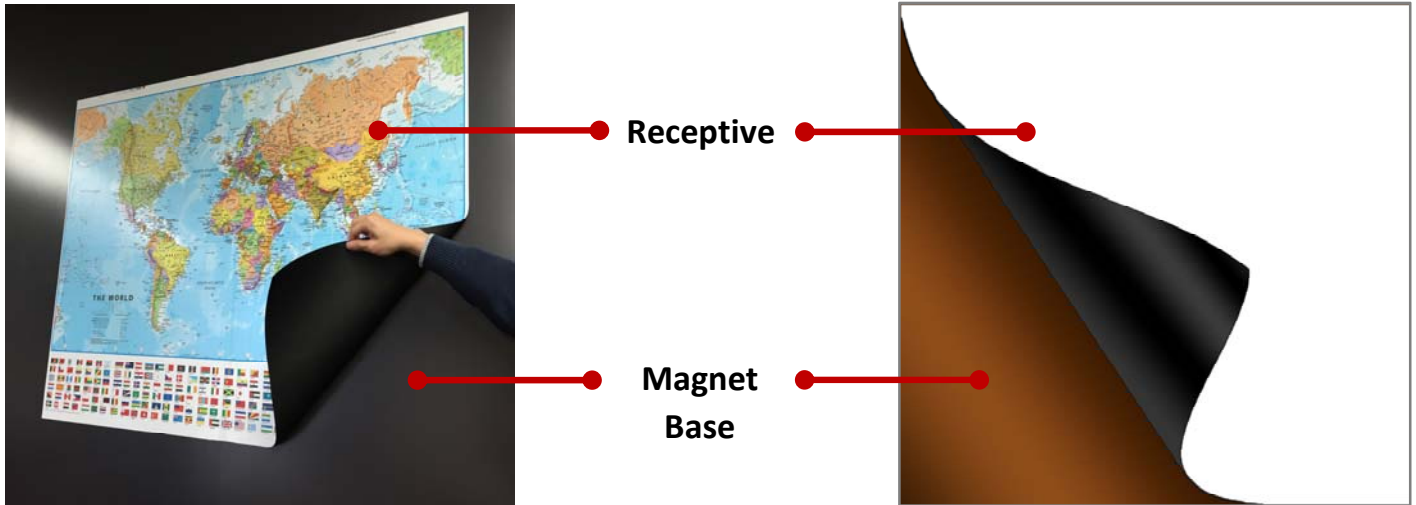
• Specification:

Lamination	Magnetic Layer Thickness	Magnetic Pull Strength (lbs./ft ²)		Width	Length
		Standard Energy	High Energy		
Flexible Magnet with HiPro Adhesive	0.015"	≥40	≥60	24.375" 40" 48" 50"	50'
	0.020"	≥59	≥84		
	0.030"	≥84	≥135		
Flexible Magnet Plain (Two-side magnetized)	0.030"	Side A ≥84, Side B ≥63	Side A ≥135, Side B ≥101	24.375"	50'
	0.040"	—	Side A ≥153, Side B ≥133	24.375"	50'

If you cannot find the right fit on the following charts, tell us about the required specifications. Our R&D team will find the best solution and provide you with the customized product to meet your specific requirements.

RECEPTIVE

MAGHOLD Receptive is anti-rust and with high density of ferrous particles. It is thin, light, flexible and non-magnetic. The high DYNE value and high white point make it perfect for printing. Working together with a magnetic base, MAGHOLD receptive can be an ideal and smart way for indoor and outdoor POP displays. Graphic Installing and changing will be easy and quick.



1. Multiple-layer Receptive:

If you need to stack more messages or information on the original graphic for some specific events, like holiday sales and new arrivals, you can conveniently attach up to 3 extra receptive layers to the original receptive layer on the magnet base.

One Layer

↓

Two Layers

↓

Three Layers !



RECEPTIVE

2. Specification:

We provide receptive with many kinds of surface laminations in different sizes. If you cannot find the right fit on the following charts, just tell us about the required properties or applications. Our R&D team will find the best solutions and provide you with the customized product to meet your specific requirements.

• Direct Printable Receptive:

Surface	Printing method		Overall Thickness	Width	Length	Whiteness (Wb)
	Compatible	Testing Required				
SOL-PET	S ES OF FL SC	UV L	0.010"	50"	100'	[85, 95]
UV-PET	UV L OF FL SC			54"		
G2-PET	UV L S ES OF FL SC			60"		
UV-PP	UV OF FL SC		0.012"	50"	100'	[90, 100]
UV-Art Paper	UV OF FL SC	L T/I	0.013"	50"	100'	[85, 90]
Canvas	UV L P OF FL SC		0.020"	60"	100'	[75, 85]

S Solvent
 ES Eco-solvent
 UV UV curable
 L Latex
 P Pigment
 OF Offset
 FL Flexo
 SC Screen
 T/I Toner/Indigo

• Other Receptive:

Surface	Overall Thickness	Width	Length	Rewritable Times	Printing Method
Gloss Dry-Erase PET	0.012" 0.020"	48" 60"	50' 100'	≥25,000 double rubs	UV Testing required
Chalk Board PVC	0.020"	47.25"	50'	≥2,000 double rubs	

3. Application:



CLINGMAG

MAGHOLD ClingMag is a silicone based cling that can stick on and be peeled off without any remnant on different smooth surfaces, such as glass, ceramic, metal, plastic and wood (Smooth Ra<0.05). It is direct printable, washable, repositionable and with no residue, and compatible with UV/Solvent/Eco-solvent Ink.



1. Specification:

If you cannot find the right fit in the following charts, let us know about your requirements. Our R&D team will find the best solutions and provide you with the customized product to meet your specific requirements.

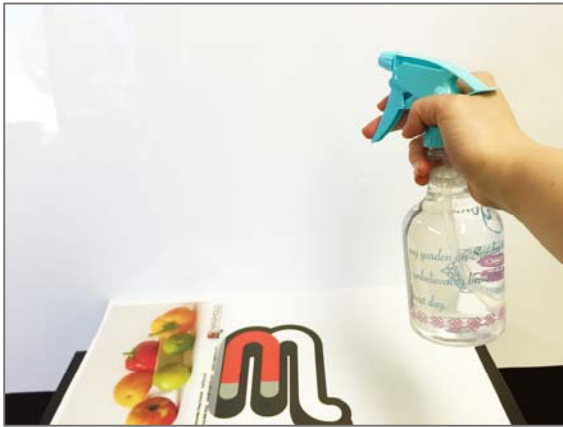
Type	Printing		Overall Thickness	Width	Length
	Compatible	Testing Required			
UV-Clear	UV OF FL SC	L	0.005"	50" 54"	100'
SOL-Clear	S ES OF FL SC	UV L	0.007"		
SOL-Frosted	S ES L OF FL SC	UV T/I	0.006"		
UV-White	UV L OF FL SC		0.006"		
SOL-White	S ES OF FL SC	UV L	0.006"		

S Solvent
 ES Eco-solvent
 UV UV curable
 L Latex
 OF Offset
 FL Flexo
 SC Screen
 T/I Toner/Indigo

CLINGMAG

2. Installation:

Step 1: Clean the target surface and mist water with a drop of liquid soap.



Step 2: Peel off the release film on the back of the ClingMag.



Step3: Attach the ClingMag on the target surface and use the squeegee to get rid of the bubbles.

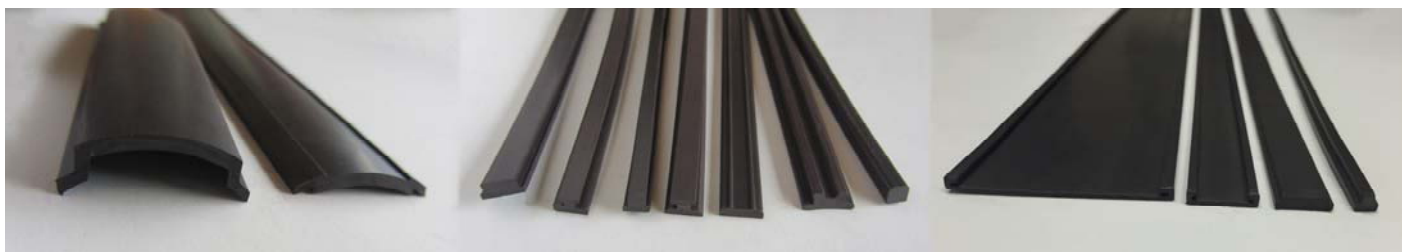


NOTE: ClingMag is washable & repositionable. You can peel off & re-apply leaving no residue behind. When it gets dusty on the silicone side, simply wash it with water and it will work as new.



MAGNET STRIP & TAPE

MAGHOLD Anti-rust Magnet Strip & Tape are permanently magnetized and with excellent flexibility. They are widely used in graphic displays, pop up booths, warehouse/store rack labels, magnet seal on window screen/fridge and so on. We have many different kinds of extrusion profiles which can make strip and tape in different cross section shapes and sizes.



1. Specification:

If you cannot find a right fit in the following charts, contact us and we can make customized products to meet your specific requirements.

Magnet Layer Thickness	Energy	Magnetic Pull Strength (lbs./ft²)	Matching	Width	Length	Lamination
0.030"	Standard Energy	≥84	--	1", 1.5", 2"	200'	Plain, Adhesive
	High Energy	≥135				
0.060"	Standard Energy	≥115	Self/Pair-Matching	0.5", 1", 1.5", 2"	100'	
	High Energy	≥174				

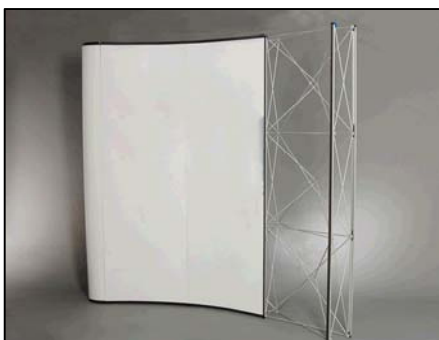


2. Application:

Graphic Display



Pop Up Booth



Warehouse Rack Labels



Store Labels



Magnet Seal on Fridge/ Window Screen



FINISHED MAGNET PRODUCT

MAGHOLD offers all kinds of custom made finished magnetic products, like tin plate magnet, magnet bookmark, epoxy magnet, die cut magnet, magnet puzzles and more. Product logos and packing designs also can be customized.

Tin Plate Magnet



Epoxy/Glass Magnet



Magnet Bookmark



Die Cut Magnet



Magnet Puzzles



Other Magnetic Toys and Stationary



NEODYMIUM MAGNET (NdFeB)

MAGHOLD Neodymium Magnet is one of the strongest types of permanent magnet commercially available. Neodymium magnet has replaced traditional magnet in many of the myriad applications in modern technology where strong permanent magnets are required. Because of its greater strength, It allows the use of smaller, lighter magnets for given applications, like holding/ clamping devices, MRI, magnetic separator, home appliance audio, VCM, MRI, automobile motor/sensor etc.



- Specification:**

Neodymium magnets are graded according to their maximum energy product, which relates to the magnetic flux output per unit volume. Higher numeric values indicate stronger. Letters in the grade indicate maximum operating temperatures. Our factory can customize them in different sizes and shapes. Tell us your requirements and we will get the right fit for you.

Series	Grade	Suitable Operating Temperature	Application	Coating
N	N35, N38, N40, N42, N45, N48, N50, N52	≤80°C / 176°F	Holding/ Clamping devices, MRI, Magnetic Separator, Home appliance audio.	Zn, Ni-Cu-Ni, Ni-Cu-Ni+Sn, Chemic Ni, Epoxy, Passivating, Vacuum Al
M	35M, 38M, 40M, 42M, 45M, 48M, 50M	≤100°C / 212°F	VCM, MRI, Magnetic separator, Communication, IT	
H	35H, 38H, 40H, 42H, 45H, 48H	≤120°C / 248°F	VCM, Linear motor, Micro-motor and Sensor	
SH	35SH, 38SH, 40SH, 42SH, 45SH	≤150°C / 302°F	Industrial motor, Wind-power generator, Automobile sensor	
UH	30UH, 33UH, 35UH, 38UH, 40UH	≤180°C / 356°F	Industrial motor, Wind-power generator, Automobile sensor	
EH	30EH, 33EH, 35EH, 38EH,	≤200°C / 392°F	Special motor, Automobile motor, Automobile magnetic valve, High-temperature applicable sensor	
TH	30TH, 33TH	≤250°C / 482°F	Replacing Sm-Co magnets on some application area. for Instance, Special motor, magnetic valve, senor at high temperature.	



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